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› WERHY Y2/Y6/Y6PRO 14-inch Folding Electric Bike User Manual

WERHY Y2/Y6/Y6PRO

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Model: Y2/Y6/Y6PRO

1. INTRODUCTION

Thank you for choosing the WERHY Y2/Y6/Y6PRO 14-inch Folding Electric Bike. This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your electric bicycle. Please read this manual thoroughly before your first ride to ensure proper use and to maximize your riding experience. Retain this manual for future reference.

This electric bike is designed for adults, featuring a 500W motor, a maximum speed of 20 MPH, and a range of 20-30 miles in pedal-assist mode. Its folding design makes it convenient for storage and transport.

2. IMPORTANT SAFETY WARNINGS

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Adhere to all local traffic laws and regulations.

- **Pre-Ride Check:** Before each ride, inspect the brakes, tires, battery level, and all quick-release mechanisms to ensure they are secure.
- **Weight Limit:** Do not exceed the maximum load capacity of 265 lbs (120 kg).
- **Weather Conditions:** Avoid riding in heavy rain, snow, or icy conditions. The bike is designed with some water resistance, but extreme conditions can affect performance and safety.
- **Children:** This bike is intended for adult use. If carrying a passenger on the rear seat (where applicable), ensure they are securely seated and aware of safety protocols.
- **Folding Mechanism:** Ensure all folding mechanisms are fully locked before riding. Regularly check for wear and tear on these components.
- **Battery Care:** Use only the provided charger. Do not attempt to modify the battery or charger. Store the battery in a cool, dry place away from direct sunlight.

3. WHAT'S IN THE BOX

Upon unpacking, please verify that all components are present and undamaged:

- WERHY Electric Bike (main frame, wheels, handlebars, seat)
- Battery (pre-installed or separate)
- Charger
- User Manual (this document)
- Assembly Tools (if included)



Image: The WERHY Electric Bike and its main components as typically received in the package.

4. SETUP AND ASSEMBLY

Your WERHY electric bike comes mostly pre-assembled. Follow these steps to complete the setup:

1. Unfolding the Frame:

Carefully unfold the main frame until it locks into place. Ensure the folding mechanism is securely latched. Refer to the video for visual guidance.

2. Handlebar Installation:

Insert the handlebar stem into the front fork tube. Adjust the height to a comfortable position and tighten the quick-release lever or bolts securely. Ensure the handlebars are aligned with the front wheel.

3. Seat Post and Saddle Adjustment:

Insert the seat post into the frame. Adjust the saddle height to allow for a slight bend in your knee when the pedal is at its lowest point. Secure the quick-release lever firmly. The seat height is adjustable from 27.5 to 31.5 inches.

4. Pedal Attachment:

Identify the left (L) and right (R) pedals. Thread the pedals into the crank arms by hand, then tighten them firmly with a wrench. Note that the left pedal tightens counter-clockwise.

5. Battery Installation and Charging:

If the battery is separate, slide it into its compartment until it clicks into place. Ensure it is locked with the key. Fully charge the battery before your first ride. Connect the charger to the bike's charging port, then plug it into a power outlet. The charging indicator will show when charging is complete (typically 4-5 hours).

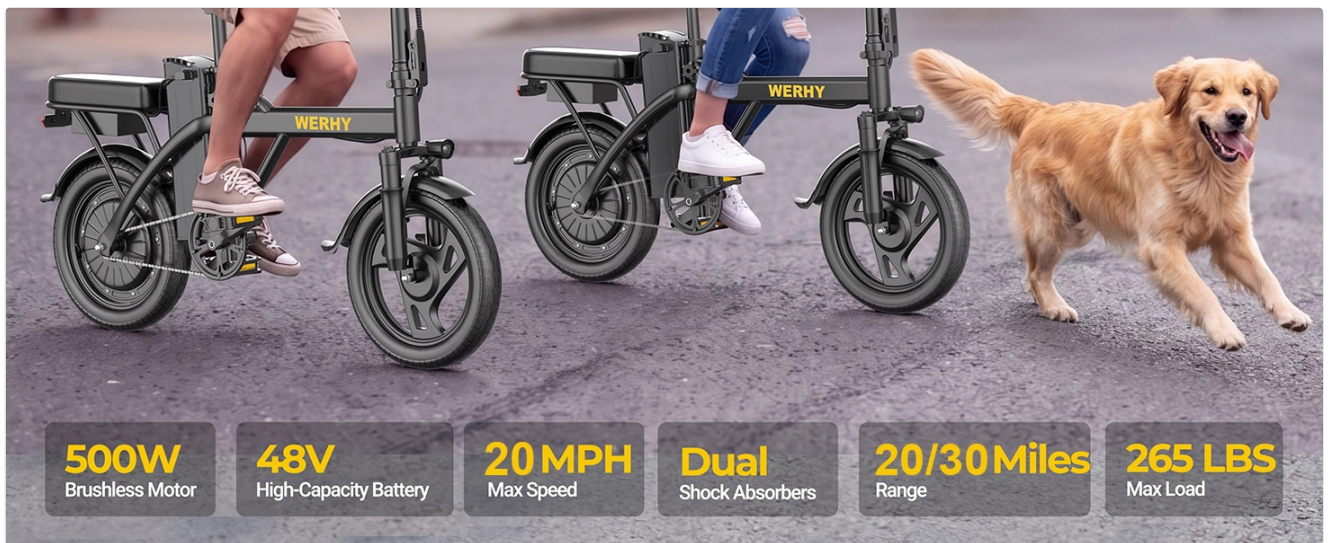


Image: The 48V detachable battery being charged while installed on the bike.

6. Brake Check:

Test both front and rear brakes to ensure they engage properly and stop the wheels effectively. Adjust cable tension if necessary.

7. Tire Inflation:

Inflate tires to the recommended pressure indicated on the tire sidewall. The bike features 14-inch pneumatic tires.

Assembly and Feature Demonstration Video

Your browser does not support the video tag.

Video: A detailed guide for installing and demonstrating features of the WERHY Y2 & Y2PRO Electric Bike. This video covers assembly steps and explains various functionalities.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

- **To Power On:** Insert the key into the ignition (if applicable) and turn it to the "ON" position. Press and hold the power button on the display panel.
- **To Power Off:** Press and hold the power button on the display panel until the screen turns off. Turn the key to the "OFF" position and remove it.

5.2 Riding Modes

Your WERHY electric bike offers multiple riding modes for varied experiences:

- **Electric Mode (Throttle Only):** Use the twist grip throttle to accelerate without pedaling. This mode provides full motor power up to the maximum speed.
- **Pedal Assist Mode:** The motor provides assistance as you pedal. You can typically adjust the level of assistance using buttons on the display. This mode extends battery range.
- **Normal Bicycle Mode:** Ride the bike like a traditional bicycle without any motor assistance.



Image: Close-up of the e-bike display and controls, illustrating the brake, bell, LCD display, key grip, and rotary throttle.

5.3 Display Functions

The integrated LED display provides crucial information during your ride:

- **Battery Level Indicator:** Shows the remaining battery charge.
- **Speed Display:** Current riding speed.
- **Assist Level:** Indicates the current pedal assist level (if applicable).
- **Headlight/Taillight Indicator:** Shows if lights are on.

5.4 Braking System

Your bike is equipped with a dual braking system for reliable stopping power:

- **Rear Disc Brakes:** Mechanical disc brakes on the rear wheel.
- **Electronic Brake:** Engages when the brake levers are pulled, cutting motor power and providing additional stopping force.



Image: Illustration of the WERHY Electric Bike's safe riding system, highlighting the LED headlight, bright taillight, electronic brake, and disc brake.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your electric bike.

- **Cleaning:** Wipe the bike with a damp cloth. Avoid using high-pressure water jets directly on electrical components.
- **Battery Care:**
 - Charge the battery regularly, even if not in use, to maintain its health.
 - Do not fully discharge the battery before recharging.
 - Store the battery between 50% and 70% charge if storing for extended periods.
- **Tires:** Check tire pressure weekly. Inspect for wear, cuts, or punctures.
- **Brakes:** Regularly check brake pads for wear and replace them when necessary. Ensure brake levers have proper tension and responsiveness.
- **Chain:** Keep the chain clean and lubricated to prevent rust and ensure smooth operation.
- **Fasteners:** Periodically check all bolts, nuts, and quick-release levers for tightness.

7. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Bike does not power on	Battery is not charged or not properly installed. Key is not in "ON" position.	Ensure battery is fully charged and securely installed. Turn key to "ON" and press power button.
Motor not assisting	Battery low. Pedal assist level set to zero. Brake levers engaged.	Charge battery. Increase pedal assist level. Ensure brake levers are fully released.
Brakes feel weak	Brake pads worn. Brake cable loose.	Inspect and replace brake pads. Adjust brake cable tension.
Unusual noises	Loose components. Dry chain.	Check all fasteners for tightness. Lubricate the chain.

If you encounter issues not listed here or require further assistance, please contact WERHY customer support.

8. SPECIFICATIONS

Feature	Detail
Bike Type	Electric Bike
Model Number	Y2/Y6/Y6PRO
Motor	500W
Max Speed	20 MPH
Wheel Size	14 inches
Battery	48V High-Capacity, Detachable
Max Range (Pedal Assist)	20-30 Miles
Frame Material	Carbon Steel
Suspension	Front Dual Suspension
Brake Style	Rear Disc Brakes + Electronic Brake
Max Load Capacity	265 lbs
Recommended Height	4.8-6.0 ft
Special Features	Adjustable Seat, Headlight, Taillight, Folding Design
Water Resistance	IPX65 Rated (Resistant to water jets)



Image: Diagram showing the dimensions, seat height range, max load capacity, tire specifications, and recommended rider height for the WERHY Electric Bike.

9. WARRANTY AND SUPPORT

9.1 Warranty Information

WERHY provides the following warranty for your electric bike:

- **E-bike and Parts:** One-year limited warranty.
- **Battery and Motor:** Six-month warranty.

This warranty covers manufacturing defects and does not cover damage due to misuse, accidents, or normal wear and tear. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For any questions, technical support, or warranty claims, please contact WERHY customer service.

- **Contact Information:** Refer to the contact details provided on the WERHY official website or your purchase documentation.
- **Online Resources:** Visit the WERHY store on Amazon for FAQs and additional product information:[WERHY Store](#)

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ASK A QUESTION ABOUT THIS MANUAL

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Question

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